NCI Lung Image Database Consortium (LIDC): Open Meeting

San Diego Room · Sunday, 5:45 to 7:45 pm

Academic Chairs: Samuel G. Armato, III, Univ. of Chicago; Geoffrey McLennan, Univ. of Iowa

NCI Program staff: Larry Clarke and Barbara Croft, Cancer Imaging Program, NCI.

Overview: The mission of the NCI supported Lung Image Database Consortium (LIDC) is sharing of lung images, especially low-dose helical CT scans of adults screened for lung cancer, and related technical and clinical data for development and testing of computer-aided cancer screening and diagnosis technology.

Principal Goals of the LIDC: To establish standard formats and processes for managing lung images and related technical and clinical data for use in the development and testing of computer-aided diagnostic algorithms. To develop an image database as a web-accessible international research resource for the development, training, and evaluation of computer-assisted diagnostic (CAD) methods for lung cancer detection and diagnosis using helical computed tomography (CT).

LIDC Open Meeting Agenda: The agenda will include several presentations by members of the steering committee on the progress made by this consortium during 2003 to be followed by an open forum that will solicit input from attendees of this meeting. The scope will include the results of a consensus process for the imaging protocol, collection of cases for this database, results of comparison of methods for the determination of the boundaries of nodules as required for scoring of segmentation and CAD methods and planned first release of image data for 2004.